

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| -        | 1037 | (adjustable programmable) near5 delay near5 clock   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:59 |
| -        | 14   | ((adjustable programmable) near5 delay near5 clock) same<br>(align\$3 near5 data)                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:40 |
| -        | 284  | ((adjustable programmable) near5 delay near5 clock) near5<br>(output or data or memory)                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:39 |
| -        | 36   | ((adjustable programmable) near5 delay near5 clock) near5<br>(enabl\$3)                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:29 |
| -        | 200  | ((adjustable programmable) near5 delay near5 clock) near5<br>(output)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:41 |
| -        | 2    | ((adjustable programmable) near5 delay near5 clock) near5<br>(output near5 respective\$3)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:43 |
| -        | 11   | ((adjustable programmable) near5 delay near5 clock) same<br>(output near5 respective\$3)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:49 |
| -        | 1    | ((adjustable programmable) near5 delay near5 clock) same<br>((reduc\$3 or improv\$3) near5 skew near5 output) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 12:44 |
| -        | 43   | ((adjustable programmable) near5 delay near5 clock) same<br>(synchroniz\$5 near5 data)                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:23 |
| -        | 5019 | path near5 length near5 difference\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:25 |
| -        | 1    | ((adjustable programmable) near5 delay near5 clock) same<br>(path near5 length near5 difference\$1)           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:27 |
| -        | 2    | 5086500.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:27 |
| -        | 58   | 5086500.URPN.   | USPAT   | 2003/03/03 13:27 |

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| - | 1    | ((adjustable programmable) near5 delay near5 clock) near10 (individual\$3 near5 line\$1)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:38 |
| - | 2    | ((adjustable programmable) near5 delay near5 clock) same (align\$3 near5 output\$1)         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:41 |
| - | 346  | (adjustable programmable) near5 hold\$3 near5 tim\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:45 |
| - | 228  | (adjustable programmable) near5 (hold\$3 near3 tim\$3)                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:46 |
| - | 0    | ((adjustable programmable) near5 (hold\$3 near3 tim\$3)) with (output near4 buffer\$1)      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:47 |
| - | 2    | ((adjustable programmable) near5 (hold\$3 near3 tim\$3)) same (output near4 buffer\$1)      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:50 |
| - | 8    | ((adjustable programmable) near5 (hold\$3 near3 tim\$3)) same (buffer\$1)                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:47 |
| - | 2132 | (adjust\$3 programmable) near5 delay near5 clock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:49 |
| - | 2303 | (adjust\$3 programmable program\$3) near5 delay near5 clock                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:50 |
| - | 95   | ((adjust\$3 programmable program\$3) near5 delay near5 clock) same (output near4 buffer\$1) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:51 |
| - | 51   | ((adjust\$3 programmable program\$3) near5 delay near5 clock) with (output near4 buffer\$1) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:57 |
| - | 434  | multiple near5 output near5 delay   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:58 |
| - | 1958 | plurality near5 output near5 delay  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 13:59 |

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| - | 8   | individually near5 adjust\$5 near5 clock near5 delay\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:01 |
| - | 94  | (adjustable programmable) with ((multiple near5 output near5 delay) or (plurality near5 output near5 delay))                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:03 |
| - | 30  | independent\$3 near5 (adjust\$5 or program\$4 or programmable) near5 clock near5 delay\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:23 |
| - | 58  | 5086500.URPN.  | USPAT   | 2003/03/03 14:21 |
| - | 18  | (fine near3 tun\$3) near4 output near4 signals   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:27 |
| - | 4   | clock near5 path near5 length near5 (differences)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:25 |
| - | 206 | clock near5 path near5 length  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:31 |
| - | 239 | clock near5 path near5 length\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:32 |
| - | 18  | (clock near5 path near5 length\$1) same ((adjust\$3 or adjustable or program\$4 or programmable) near5 ((hold near2 time) or delay)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 14:34 |
| - | 3   | ("5673005"   "5986830"   "6247138").PN.  | USPAT   | 2003/03/03 15:07 |
| - | 11  | (individually near5 (adjust\$3 or adjustable or program or programming or programmable) near5 delay) near15 clock\$1                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:34 |
| - | 115 | individually near5 (adjust\$3 or adjustable or program or programming or programmable) near5 delay                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:33 |
| - | 0   | (individually near5 (adjust\$3 or adjustable or program or programming or programmable) near5 hold) near15 clock\$1                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:39 |
| - | 690 | distribut\$3 near5 delay\$3 near5 clock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:45 |

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| - | 31   | individually near5 (adjust\$3 or adjustable or program or programming or programmable) near5 hold     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 15:40 |
| - | 80   | distribut\$3 near5 (program\$5 or adjust\$5) near5 delay\$3 near5 clock                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/03 16:31 |
| - | 1    | 5842001.URPN.   | USPAT;  | 2003/03/03 16:04 |
| - | 12   | ((program\$5 or adjust\$5) near5 delay\$3 near5 clock) near10 (enabl\$3 near4 output\$1)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:08 |
| - | 12   | ((program\$5 or adjust\$5) near5 (hold or delay\$3) near5 clock) near10 (enabl\$3 near4 output\$1)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:10 |
| - | 3517 | (program\$5 or adjust\$5) near5 delay\$3 near5 line   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:10 |
| - | 618  | ((program\$5 or adjust\$5) near5 delay\$3 near5 line) with clock                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:11 |
| - | 12   | ((program\$5 or adjust\$5) near5 (hold or delay\$3) near5 clock\$3) near10 (enabl\$3 near4 output\$1) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:32 |
| - | 449  | ((program\$5 or adjust\$5) near5 delay\$3 near5 line) near5 clock\$3                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:13 |
| - | 534  | ((program\$5 or adjust\$5) near5 delay\$3 near5 line) near10 clock\$3                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:13 |
| - | 37   | ((((program\$5 or adjust\$5) near5 delay\$3 near5 line) near10 clock\$3) same buffer                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:24 |
| - | 707  | programmable near5 (set or setup or hold) near5 time  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:17 |
| - | 14   | (programmable near5 (set or setup or hold) near5 time) same buffer                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:19 |

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| - | 140  | (de-s or deskew) near5 clock   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:19 |
| - | 173  | (de-skew or deskew) near5 clock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:20 |
| - | 313  | (de-skew\$3 or deskew\$3) near5 clock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:20 |
| - | 12   | ((de-skew\$3 or deskew\$3) near5 clock) near10<br>programmable   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:20 |
| - | 1778 | (equal or equaliz\$3) near5 clock\$3 near4 delay\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:25 |
| - | 38   | ((equal or equaliz\$3) near5 clock\$3 near4 delay\$1) near10<br>(program\$4 or programmabl\$1)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:27 |
| - | 968  | (program\$5 or adjust\$5) near5 (strob\$3 or enabl\$3) near5<br>delay\$1   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:35 |
| - | 712  | ((program\$5 or adjust\$5) near3 delay) near5 (strob\$3 or<br>enabl\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:37 |
| - | 125  | ((((program\$5 or adjust\$5) near3 delay) near5 (strob\$3 or<br>enabl\$3)) with (buffer or output)                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:46 |
| - | 107  | ((((program\$5 or adjust\$5) near3 delay) near5 (strob\$3 or<br>enabl\$3)) near10 (buffer or output)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:37 |
| - | 58   | programmabl\$1 near5 skew near5 clock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 08:17 |
| - | 58   | programmabl\$1 near5 skew near5 clock\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 07:47 |
| - | 9    | ("4564943"   "4882738"   "5231598"   "5291141"   "5396183"  <br>"5455931"   "5740067"   "5852640"   "6327274").PN. | USPAT   | 2003/03/04 08:22 |

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| - | 902  | powered near10 (un-powered or unpowered)                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 08:17 |
| - | 9    | (powered near10 (un-powered or unpowered)) near8 cycl\$3                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 08:18 |
| - | 7    | clock near5 tun\$3 near5 programmabl\$1                                      | USPAT   | 2003/03/04 08:24 |
| - | 1    | (skew\$3 near5 cancel\$4) near10 (programmabl\$1 or<br>adjustabl\$1)         | USPAT   | 2003/03/04 08:25 |
| - | 97   | skew\$3 near5 cancel\$4  | USPAT   | 2003/03/04 08:29 |
| - | 625  | clock\$3 near5 phase near5 (alignment or align\$3)                           | USPAT   | 2003/03/04 08:30 |
| - | 4    | (clock\$3 near5 phase near5 (alignment or align\$3)) near8<br>programmabl\$1 | USPAT   | 2003/03/04 08:32 |
| - | 3    | ("5669020" "5847617" "5358660").pn.  | USPAT   | 2003/03/04 08:33 |
| - | 3    | ("5699020" "5847617" "5258660").pn.  | USPAT   | 2003/03/04 08:33 |
| - | 128  | synchroniz\$3 near5 (output near3 buffer\$1) near5 clock\$1                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:17 |
| - | 7    | align\$4 near5 (output near3 buffer\$1) near5 clock\$1                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:15 |
| - | 35   | (synchroniz\$3 near5 (output near3 buffer\$1) near5 clock\$1)<br>same delay  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:27 |
| - | 1021 | align\$4 near5 data near5 output   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:30 |
| - | 88   | (align\$4 near5 data near5 output) near10 memor\$1                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:31 |
| - | 157  | (align\$4 near5 data near5 output) near10 clock\$3                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:32 |
| - | 15   | ((align\$4 near5 data near5 output) near10 clock\$3) same<br>memor\$3        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:34 |
| - | 220  | regardless near5 (path near3 length)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:39 |
| - | 0    | (regardless near5 (path near3 length)) near10 align\$4                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:36 |

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| - | 5    | (regardless near5 (path near3 length)) same align\$4        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:36 |
| - | 9    | (regardless near5 (path near3 length)) and g06f\$.ipc.      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:38 |
| - | 1270 | compensat\$3 near5 (path near3 length)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:40 |
| - | 22   | (compensat\$3 near5 (path near3 length)) same timing        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 09:54 |
| - | 4    | ("5822255" "5870325").pn.                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:03 |
| - | 13   | 5822255.URPN.   | USPAT   | 2003/03/04 09:55 |
| - | 146  | programmabl\$1 near5 hold\$3 near5 tim\$3                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:08 |
| - | 16   | (programmabl\$1 near5 hold\$3 near5 tim\$3) near8 output\$1 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:11 |
| - | 34   | (programmabl\$1 near5 hold\$3 near5 tim\$3) and g06f\$.ipc. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:11 |
| - | 3    | 5852640.URPN.   | USPAT   | 2003/03/04 10:11 |
| - | 75   | compensation near5 clock near5 skew                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:16 |
| - | 258  | compensat\$3 near5 clock near5 skew                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:17 |
| - | 9    | (compensat\$3 near5 clock near5 skew) near10 programmable   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:17 |
| - | 57   | programmable near5 clock near5 skew                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:40 |

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| - | 2    | 4998262.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:42 |
| - | 2    | 5258660.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 11:46 |
| - | 2    | 5298866.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 10:43 |
| - | 2    | 4165490.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:38 |
| - | 5938 | output near5 timing near5 clock                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:39 |
| - | 6334 | output near5 timing near5 clock\$3                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:40 |
| - | 2339 | output near5 hold near5 time                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:41 |
| - | 5    | (output near5 timing near5 clock) near5 (hold near5 time)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:41 |
| - | 5    | (output near5 timing near5 clock\$3) near5 (hold near5 time) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/04 12:42 |